REPORT DOC	UMENTATION PAG	E	Form Approved OMB No. 0704-0188	
t and maintaining the data needed, and completing and	d reviewing the collection of information. Ser den, to Washington Headquarters Services, Di	nd comments regarding rectorate for Information	July whewing instructions, searching existing data sources, gathering g this burden estimate or any other aspect of this collection of n Operations and Reports, 1215 Jefferson Davis Highway, Suite Nashington, DC 20503.	
1. AGENCY USE ONLY (Leave blank)		3. REPORT TO	YPE AND DATES COVERED	
4. TITLE AND SUBTITLE Management and Open		J	5. FUNDING NUMBERS	
6. AUTHORS			DAAHO1-98-D-ROOI	
Joseph Perton	Do#605			
7. PERFORMING ORGANIZATION NAM	8. PERFORMING ORGANIZATION REPORT NUMBER			
UAH 301 Sparkmen I Huntsville AL	>- 35899		5-20266	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) U.S. Army Aviation and Missile Command Redstone Arsienal, AL 35898			10. SPONSORING/MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES				
12a. DISTRIBUTION/AVAILABILITY STA	TEMENT		12b. DISTRIBUTION CODE	
See DOD 523	80 "A"			
13. ABSTRACT (Maximum 200 words)			<u></u>	
See affached			,	
		2001	1206 054	
14. SUBJECT TERMS			15. NUMBER OF PAGES 2. 16. PRICE CODE	

17. SECURITY CLASSIFICATION OF REPORT

UNCLASS IF LED

19. SECURITY CLASSIFICATION OF ABSTRACT

UNCLASSIFIED

18. SECURITY CLASSIFICATION OF THIS PAGE

UNCLASSIFIED

20. LIMITATION OF ABSTRACT

PLEASE CHECK THE APPROPRIATE BLOCK BELOW

DA	O#
	copies are being forwarded. Indicate whether Statement A, B, C, D, E, F, or X applies.
¥	DISTRIBUTION STATEMENT A: APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED
	DISTRIBUTION STATEMENT B: DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES ONLY; (indicate Reason and Date). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO (Indicate Controlling DoD Office).
	DISTRIBUTION STATEMENT C: DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTS (Indicate Reason and Date). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO (Indicate Controlling DoD Office).
	DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DoD AND U.S. DoD CONTRACTORS ONLY; (Indicate Reason and Date). OTHER REQUESTS SHALL BE REFERRED TO (Indicate Controlling DoD Office).
	DISTRIBUTION STATEMENT E:
	DISTRIBUTION AUTHORIZED TO DoD COMPONENTS ONLY; (Indicate Reason and Date). OTHER REQUESTS SHALL BE REFERRED TO (Indicate Controlling DoD Office).
	DISTRIBUTION STATEMENT F: FUTHER DISSEMINATION ONLY AS DIRECTED BY (Indicate Controlling DoD Office and Date) or HIGHER DoD AUTHORITY.
	DISTRIBUTION STATEMENT X: DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND PRIVATE INDIVIDUALS OR ENTERPRISES ELIGIBLE TO OBTAIN EXPORT-CONTROLLED TECHNICAL DATA IN ACCORDANCE WITH DoD DIRECTIVE 5230.25. WITHHOLDING OF UNCLASSIFIED TECHNICAL DATA FROM PUBLIC DISCLOSURE, 6 Nov 1984 (indicate date of determination). CONTROLLING DoD OFFICE IS (Indicate Controlling DoD Office).
	This document was previously forwarded to DTIC on (date) and the AD number is
	In accordance with provisions of DoD instructions. The document requested is not supplied because:
	It will be published at a later date. (Enter approximate date, if known).
	Other. (Give Reason)
	Directive 5230.24, "Distribution Statements on Technical Documents," 18 Mar 87, contains seven distribution ments, as described briefly above. Technical Documents must be assigned distribution statements.
	Joseph Parton
	Print or Type Name
	O(A(I)(I))
	256-824-6240
	Authorized Signature/Date Telephone Number

Management and Operation of the PED SLA Lab **Final Report**

Prepared by:

Joseph Paxton University of Alabama in Huntsville Huntsville, AL 35899 (256) 890-6240

Prepared for:

Grady Easterling U.S. Army AMCOM (256) 313-6554 grady.easterling@rdec.redstone.army.mil

DISTRIBUTION STATEMENT A Approved for Public Release

Distribution Unlimited

June 1999

Rapid Prototyping Laboratory

Activity Report for 1999

Prepared by:
Joe Paxton
University of Alabama in Huntsville
(256) 890-6240
paxtonj@email.uah.edu

Prepared for:
Grady Easterling
U.S. Army AMCOM
(256) 313-6554
grady.easterling@rdec.redstone.army.mil

The following parts have been built during 1999 with corresponding revenue:

	Part(s)	Customer	Date	Fee
1	Housing prototypes (10)	Gary Jimmerson	12/7/99	\$220.00
2	Cover304	Bernard Goodly	3/19/99	\$1747.17
3	Frame25	Bernard Goodly	3/29/99	\$1627.33
4	Housing prototypes	Gary Jimmerson	11/29/99	\$580.00
5	IMU Assembly	Steve Cayson	4/27/99	\$1932.00
6	Closure (2), bracket (4)	Steve Cayson	4/27/99	\$2140.62
7	Motor	Steve Cayson	4/27/99	\$1064.97
8	MSU	Karl Liggin	1/25/99	\$2108.73

^{*}The revenue listed above may have not yet been received, but is due Production Engineering.

In addition to the above prototype builds, the following activities have taken place throughout the year:

- Presented lab capabilities at AMC Rapid Prototyping and Tooling Seminar at Redstone Arsenal on October 28, 1999.
- Conducted several tours throughout the year to market the lab capabilities to potential customers.
- Maintained a database of parts built in the lab throughout the year.
- Initiated plans for an intense marketing effort to increase the activity in the lab.
- Investigated the feasibility of installing Archimedes on the Silicon Graphics computer to assist with production and assembly analysis of systems.